

PAPER SPECIFICATION OF UNBLEACHED KRAFT FOR PAPER BAG

No.	Parameter		Unit	Test Method	SPECIFICATION									
					70 gsm	80 gsm	90 gsm	100 gsm	120 gsm	150 gsm	180 gsm	190 gsm	200 gsm	210 gsm
1	Basis Weight		gsm	ISO 536 : 1995	70 ± 4%	80 ± 4%	90 ± 4%	100 ± 4%	120 ± 4%	150 ± 4%	180 ± 4%	190 ± 4%	200 ± 4%	210 ± 4%
2	Thickness		µm	ISO 534 : 2011	94 ± 6	107 ± 6	120 ± 7	133 ± 8	160 ± 10	200 ± 10	247 ± 10	260 ± 12	274 ± 12	288 ± 12
3	Roughness	W	ml/min	ISO 8791-2 : 2013	≤500	≤500	≤500	≤500	≤500	≤500	≤500	≤500	≤500	≤500
		F												
4	Brightness		%	ISO 2470-1 : 2006	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0	22.0 ± 1.0
5	Moisture Content		%	ISO 287 : 1985	5.8 ± 0.5	5.8 ± 0.5	6.0 ± 0.5	6.5 ± 0.5	6.7 ± 0.5	6.7 ± 0.5	6.9 ± 0.5	6.9 ± 0.5	6.9 ± 0.5	6.9 ± 0.5
6	Bursting Index		kPa.m ² /g	ISO 2758 : 2014	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3	≥3.3
7	Cobb Value	W	gr/m ² /min	ISO 535 : 2014	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10
		F			35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10	35 ± 10
8	Tensile Strength	MD	kgf/15mm	ISO 1924-2 : 2008	≥6.8	≥7.8	≥8.7	≥9.7	≥11.6	≥14.5	≥17.0	≥18.0	≥19.0	≥20.0
		CD			≥3.7	≥4.2	≥4.8	≥5.3	≥6.4	≥7.9	≥9.0	≥10.0	≥10.5	≥11.0
9	Tearing Strength	MD	gf	ISO 1974 : 1990	≥40	≥50	≥60	≥75	≥90	≥112	≥112	≥118	≥124	≥130
		CD			≥42	≥52	≥64	≥80	≥96	≥120	≥120	≥127	≥133	≥140

Remarks :

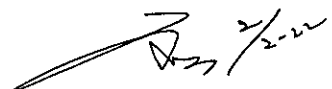
MD : Machine Direction

W : Wire Side

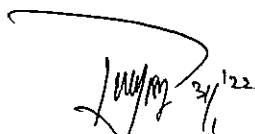
CD : Cross Direction

F : Felt Side

Mill Head


(Ou Chun Chia)

Production Head


(Joannes Nanang)

Quality Head


(Desi Handajani)